# **Sharp-Cutoff Pentode**

## 9-PIN MINIATURE TYPE

## For Equipment Having Series Heater-String Arrangement

### GENERAL DATA

	Electrical:	+	
,	Heater, for Unipotential Cathode: Heater arrangement  Series  Parallel	volts amp sec µµf	
	and heater	μμf μμf	
	Characteristics Class & Amelificat		
	Grid No.3	volts ocket volts ohms ohms ohms ma ma volts	
	Mechanical:  Operating Position	2-3/8" 3/32" 0.875" ction 66-1/2 E9-1) 98F Tap 0.2 0.3,	

→ Indicates a change.



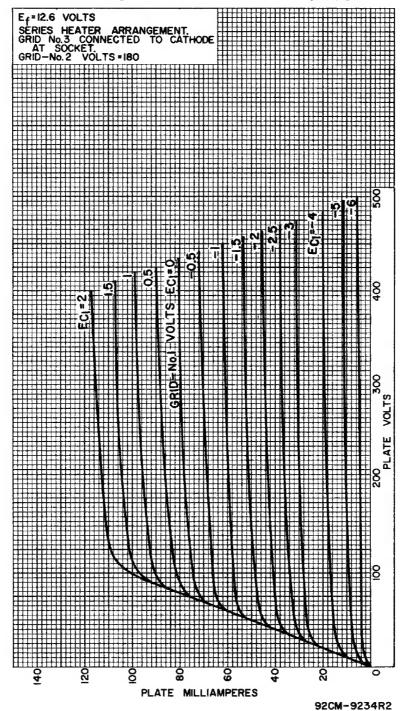
## 12BY7-A

#### AMPLIFIER - Class A. Maximum Ratings, Design-Maximum Values: PLATE VOLTAGE . . . . . . . . . . . . . . . . . . 330 max. volts GRID-No.1 (CONTROL-GRID) VOLTAGE: Negative-bias value . . . . . . . . . 55 max. volts Positive-bias value . . . . . . . . . 0 max. volts GRID-No.2 INPUT . . . . . . . . . . . . . . . . 1.2 max. watts 6.5 max. watts PEAK HEATER-CATHODE VOLTAGE: Heater negative with respect to cathode. . . . . . . . 200 max. volts Heater positive with respect to cathode. . . . . . . . 200b max. volts Maximum Circuit Values: Grid-No.1-Circuit Resistance: For fixed-bias operation. . . . . . 0.25 max. megohm For cathode-bias operation. . . . . 1 max. megohm

a Without external shield.

**b** The dc component must not exceed 100 volts.

## **AVERAGE PLATE CHARACTERISTICS**



## **AVERAGE CHARACTERISTICS**

